

Mr. Allen

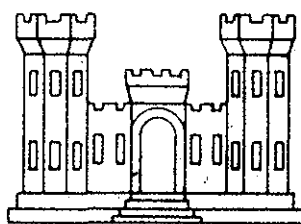
NOT FOR PUBLIC RELEASE

PRELIMINARY EXAMINATION

CHANNEL TO HOG ISLAND

HINGHAM BAY

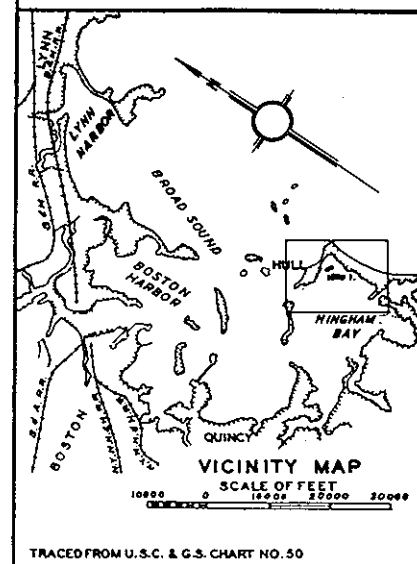
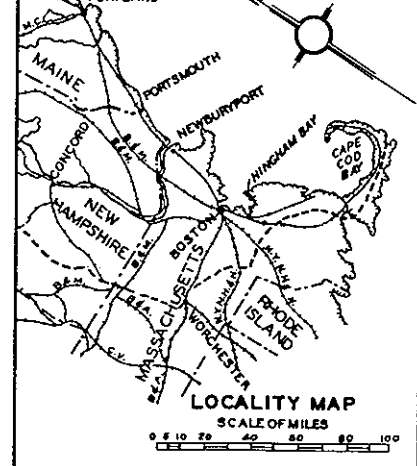
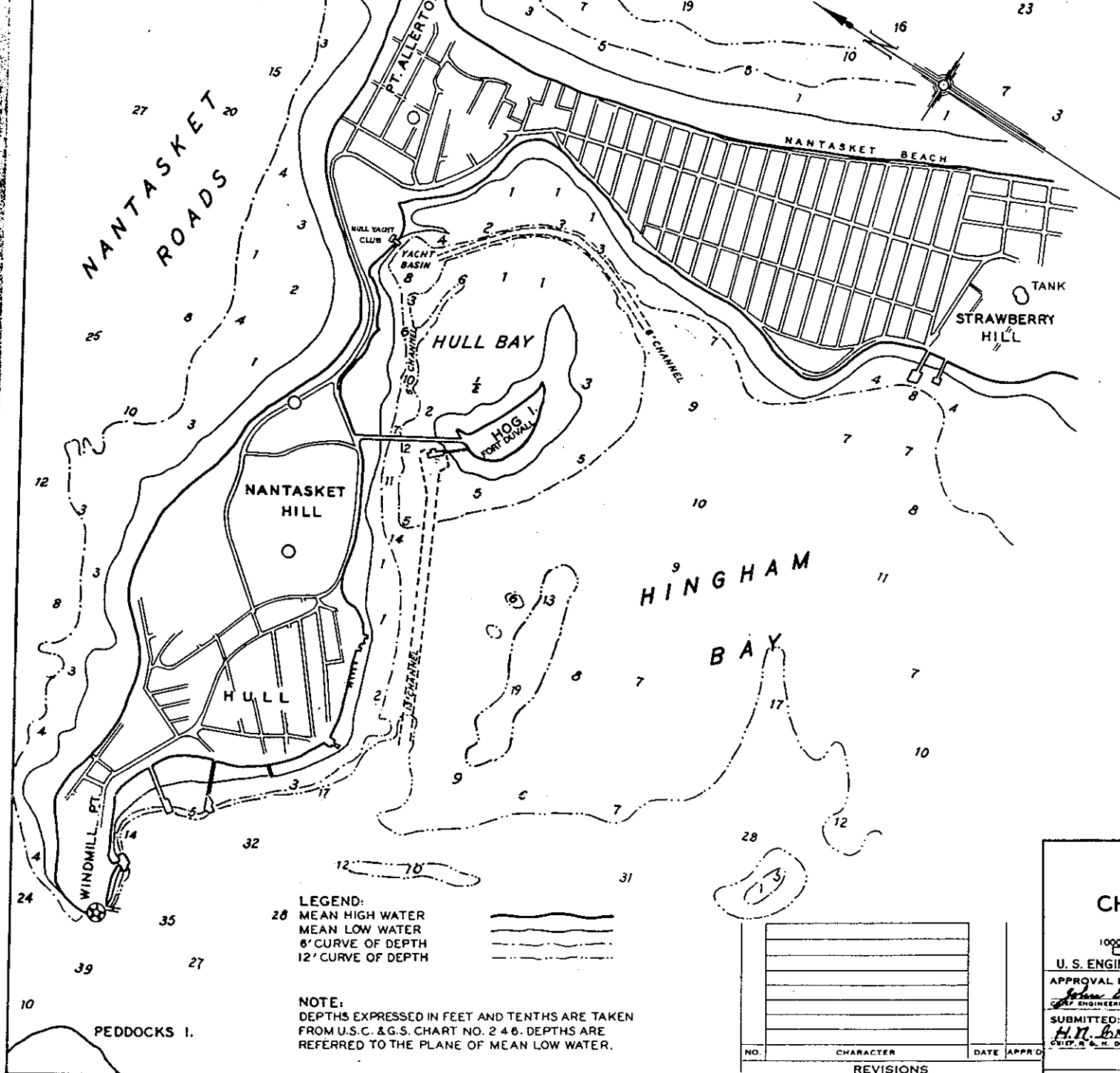
MASSACHUSETTS



AUTHORITY- THIS REPORT IS
SUBMITTED IN COMPLIANCE
WITH SECTION 6 OF THE
RIVER AND HARBOR ACT
APPROVED 2 MARCH, 1945.

U. S. ENGINEER OFFICE,
BOSTON, MASS.
24 AUG. 1945

COPY NO. 20



HINGHAM BAY, MASS. CHANNEL TO HOG ISLAND

SCALE OF FEET
 1000 0 1000 2000

U. S. ENGINEER OFFICE, BOSTON, MASS. 20 AUG 1945

APPROVAL RECOMMENDED:
John E. Allen
 CHIEF ENGINEERING DIVISION

APPROVED:
[Signature]
 CHIEF OF DISTRICT ENGINEERS

SUBMITTED:
H. N. Brickton
 CHIEF, S. & S. DIV. SR. ENGINEER

TO ACCOMPANY REPORT
 DATED 24 AUG 1945

FILE NO. 16 DR. 59

PRELIMINARY EXAMINATION OF THE CHANNEL TO HOG ISLAND.
HINGHAM BAY, MASSACHUSETTS

- - - - -
Syllabus

The district engineer is of the opinion that the improvement desired at this locality has already been provided by the military authorities, and it is therefore recommended that no further action be taken by the United States.

War Department
United States Engineer Office
Boston 16, Massachusetts
24 August 1945

Subject: Preliminary Examination of the Channel to Hog Island, Hingham Bay, Massachusetts.

To: The Chief of Engineers, U. S. Army, through the Division Engineer, New England Division, Boston 10, Mass.

1. Authority.-- This report is submitted in compliance with Section 6 of the River and Harbor Act approved 2 March 1945 (Public Law No. 114 - 79th Congress) which reads in part as follows:

"Sec. 6. The Secretary of War is hereby authorized and directed to cause preliminary examinations and surveys to be made at the following-named localities,
..... Channel to Hog Island, Hingham Bay, Mass."

2. Description.-- Hog Island lies in the northeast corner of Hingham Bay inside the hook formed by Nantasket Beach and Hull Neck. The area behind Hog Island is known as Hull Bay.

3. Originally a 6-foot channel extended from Hingham Bay along the south shore of Hull Neck back of Hog Island into a basin in Hull Bay. In 1942 a highway bridge was built across this channel by military authorities, to serve Fort Duvall located on Hog Island. A 13-foot channel had been dredged to the Fort Duvall wharf from Hingham Bay in 1940. A 6-foot channel was dredged on the east side of Hog Island to the small boat basin in Hull Bay to take the place of the original channel which was cut off by the construction of the bridge.

4. No project for the improvement of the locality has been authorized by Congress, nor have any prior reports been made. No bridges cross the channel under consideration, and questions of shore line changes, water power, flood control, or other special subjects would not be involved in the improvement considered in this report.

5. Tributary area.- The terminus of the 13-foot channel is the Fort Duvall Wharf on Hog Island. The 6-foot channel provides access to Hull Bay for small boats, it being used principally by members of the Hull Yacht Club which is located there. The village of Hull is located about a mile west of Hull Bay and Nantasket Beach lies to the eastward.

6. Terminal and transfer facilities.- The only wharf on the 13-foot channel is the Government wharf at Fort Duvall. There are 4 small docks bordering on the 6-foot channel. They are all privately owned and used by small pleasure boats.

7. Improvement desired.- At the suggestion of Hon. Charles L. Gifford, Congressman from the district, this office contacted two parties thought to be interested in the improvement. One, the editor of the Hingham Journal had no knowledge of the project, and after a complete canvas of the surrounding towns, stated that he was unable to find any person or group who had any knowledge of the matter. The other, the Board of Selectmen of Hull, stated that the improvement had already been provided by the Commonwealth of Massachusetts.

8. Commerce.- There is no commerce reported on the waterway.

9. Vessel traffic.- The only boats using the waterway are small pleasure and fishing boats. No records of this traffic are available.

10. Discussion and conclusion.- This office received the following letter from the Chairman, Board of Selectmen of the Town of Hull, dated 1 June 1945:

"In reply to your communication of May 9, 1945, you will please be advised that the Selectmen of the Town of Hull feel that there is no necessity at this time for the dredging of the channel to Hog Island as the Commonwealth of Massachusetts took care of that in 1942."

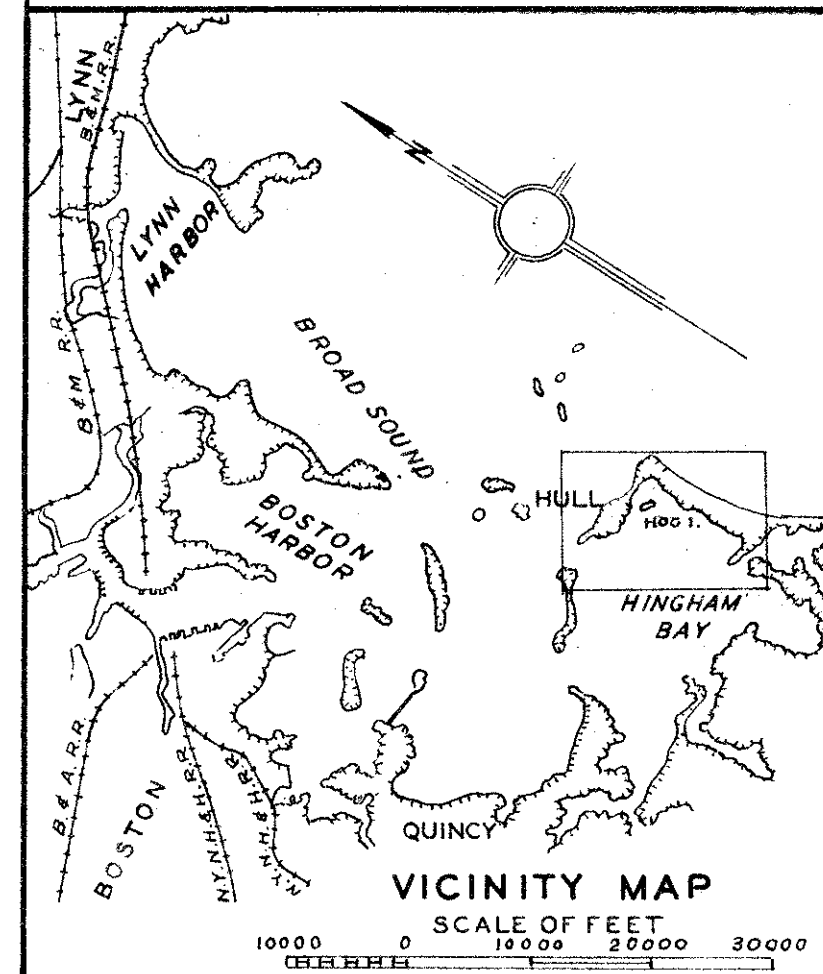
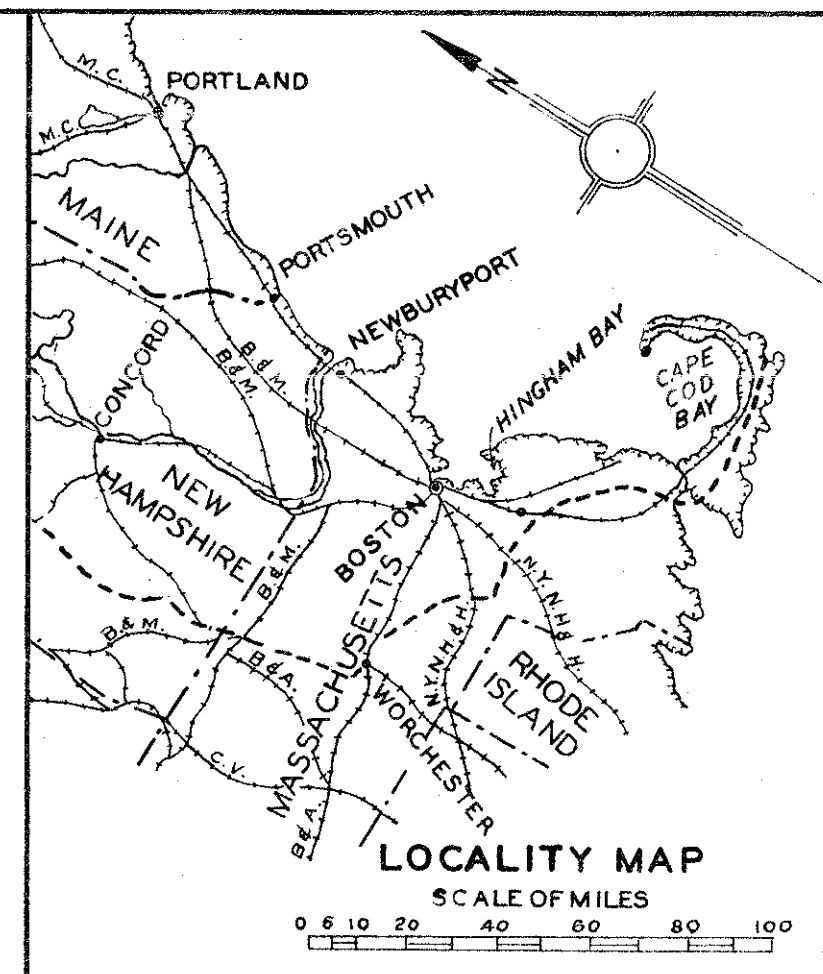
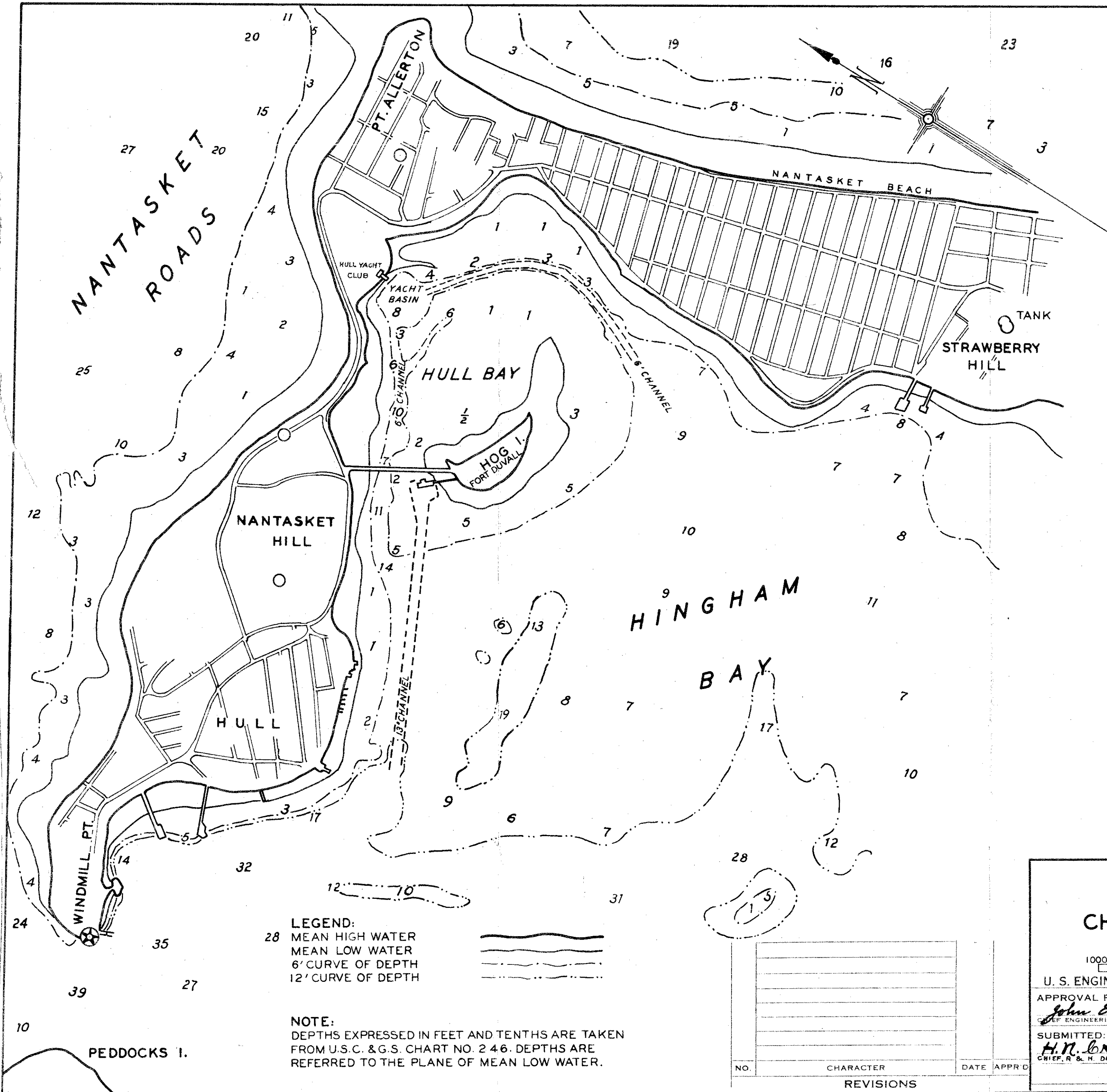
11. The 13-foot channel was dredged by the U. S. Army in 1940 to provide access to Fort Duvall on Hog Island. In constructing an access road to the Fort, it was necessary to build a bridge from Hog Island to the mainland, thereby cutting off the approach to the yacht basin in Hull Bay. The permit for the bridge contained the provision that a channel be dredged on the other side of Hog Island between Hingham Bay and Hull Bay. It is believed that this condition was responsible for the inclusion of this item in the River and Harbor bill. In the meantime, the 6-foot channel was dredged by the Commonwealth of Massachusetts in 1942, with reimbursement from military funds, thus nullifying the need for any further action by the United States.

12. Recommendation.- In view of the above, it is the opinion of the district engineer that the improvement desired at this locality has already been provided by the military authorities, and it is therefore recommended that no further action be taken by the United States.



C. T. HUNT
Colonel, Corps of Engineers
District Engineer

Inclosure
Map



LEGEND:
 28 MEAN HIGH WATER
 MEAN LOW WATER
 6' CURVE OF DEPTH
 12' CURVE OF DEPTH

NOTE:
 DEPTHS EXPRESSED IN FEET AND TENTHS ARE TAKEN FROM U.S.C. & G.S. CHART NO. 246. DEPTHS ARE REFERRED TO THE PLANE OF MEAN LOW WATER.

NO.	CHARACTER	DATE	APPRO.

HINGHAM BAY, MASS. CHANNEL TO HOG ISLAND

SCALE OF FEET
 1000 0 1000 2000

U. S. ENGINEER OFFICE, BOSTON, MASS. 20 AUG. 1945

APPROVAL RECOMMENDED:
John E. Allen
 CHIEF ENGINEERING DIVISION

APPROVED:
[Signature]
 COLONEL CORPS OF ENGINEERS
 DISTRICT ENGINEER

SUBMITTED:
H. N. Brighton
 CHIEF, R. & H. DIV. SR. ENGINEER

DES. BY
 DR. BY *Paul*
 TR. BY *Paul*
 CH. BY *J. H.*

TO ACCOMPANY REPORT
 DATED 24 AUG. 1945

FILE NO. 16 DR. 59